

REMARKS

The Office Action dated July 12, 2005, has been received and carefully noted. The above amendments to the claims, and the following remarks, are submitted as a full and complete response thereto.

Claims 1-48 are pending in the present application. Claims 1, 8, 15, 22, 25, 32, 33, 38, 39, 42, 45, and 46 were amended to more particularly point and distinctly claim the invention. No new matter has been added. The amendments to claims 1 and 25 are supported, for example, by pp. 5-6 of the original specification. Claims 8-11, 15-24, 32-35 and 39-48 have been indicated as containing allowable subject matter. Claims 1-7, 12-14, 25-31, and 36-38 are respectfully submitted for consideration.

Allowable Subject Matter

Applicants thank the Examiner for the indication that claims 8-11, 15-24, 32-35 and 39-48 contain allowable subject matter. In view of the above amendments and the following remarks, it is respectfully submitted that each of claims 8-11, 15-24, 32-35 and 39-48 is presently in condition for allowance.

Rejections under 35 U.S.C. 102(e)

Claims 1, 4-7, 12, 25, 28-31 and 36 were rejected under 35 U.S.C. § 102(e) as being anticipated by U.S. Patent No. 6,292,840 of Blomfield-Brown et al.

("Blomfield-Brown"). Applicants respectfully submit that the claims recite subject matter that is neither disclosed nor suggested in the prior art.

Claim 1, upon which claims 2-24 depend, is directed to a method for compressing a stream arriving at a compressor. The method includes acquiring a pattern at the compressor by determining a function according to a stream, making sure a decompressor is synchronized with the compressor according to the pattern, and sending a compressed packet according to the pattern.

Claim 25, upon which claims 26-48 depend, is directed to a compressor for compressing a stream. The compressor includes a means for acquiring a pattern at the compressor by determining a function according to a stream, a means for making sure a decompressor is synchronized with the compressor according to the pattern, and a means for sending a compressed packet according to the pattern.

It is respectfully submitted that the cited reference, Blomfield-Brown, does not disclose or suggest all of the elements of any of the presently pending claims.

Blomfield-Brown relates to voice/audio communication with a negotiated compression scheme and a data header compressed in a predetermined scheme. Blomfield-Brown describes a local voice-over-data application that continues to send compression format requests until a remote application accepts a compression format request, or the local application exhausts all of its known codec compression formats. Each voice-over-data application maintains a listing of all known compression/decompression formats that the application is capable of using. Referring to

Figure 5 of Blomfield-Brown, once the socket connection is established and the compression format has been negotiated, the voice-over-data application takes the uncompressed data packets sent to it by audio information driver 102 and send them to audio codec 106 for compression. Before the socket packet is sent, voice-over-data application 104 adds a special socket header, called the wave-over-socket header.

Bromfield-Brown fails to disclose or suggest “acquiring a pattern at the compressor by determining a function according to a stream,” as recited in claims 1 and 25. Blomfield-Brown describes compression format requests being sent until one is accepted by a remote application. The remote application and the codec described in Blomfield-Brown do not determine a function that enables the pattern to be acquired by the compressor. Accordingly, Blomfield-Brown does not teach or suggest all of the elements of claims 1 and 25, upon which all of the other claims depend. Thus, it is respectfully requested that this rejection be withdrawn.

Claims 1-3, 12-14, 25-27 and 36-38 stand rejected under 35 U.S.C. § 102(e) as allegedly anticipated by U.S. Patent No. 6,839,339 (Chuah). Applicants respectfully submit that the claims recite subject matter that is neither disclosed nor suggested in the cited art.

Chuah relates to header compression for general packet radio service tunneling protocol (GTP) encapsulated packets. Chuah describes establishing a GTP header compression context by adding either a GTP Compressed flag or a GTP Header Compression Context Information Element to the existing message set. Referring to

Figure 7 of Chuah, packet flows are shown. For GTP header compression, at least one packet with a full GTP header is sent to establish the GTP compressed header context between the GTP peers.

Chuah fails to disclose or suggest “acquiring a pattern at the compressor by determining a function according to a stream” as recited by claims 1 and 25. Chuah describes adding a flag or element to the existing message set to establish the GTP header context. Chuah fails to acquire a pattern in establishing the GTP header context. Thus, Chuah fails to disclose or suggest all of the elements of claims 1 and 25, upon which all of the other claims depend. Thus, it is respectfully requested that this rejection be withdrawn.

Dependent Claims

Claims 2-7, 12-14, 26-31, and 36-38 depend from claims 1 and 25 respectively, and recite additional limitations. Accordingly, it is respectfully submitted that claims 2-7, 12-14, 26-31, and 36-38 recite subject matter that is neither disclosed nor suggested in the cited references.

Conclusion


In view of the above amendments and remarks, it is respectfully submitted that each of claims 1-7, 12-14, 25-31, and 36-38 recites subject matter that is neither disclosed

nor suggested in the prior art. Accordingly, it is respectfully requested that all of claims 1-48 be allowed, and that this application be passed to issue.

If for any reason the Examiner determines that the application is not now in condition for allowance, it is respectfully requested that the Examiner contact, by telephone, the applicants' undersigned attorney at the indicated telephone number to arrange for an interview to expedite the disposition of this application.

In the event this paper is not being timely filed, the applicants respectfully petition for an appropriate extension of time. Any fees for such an extension together with any additional fees may be charged to Counsel's Deposit Account 50-2222.

Respectfully submitted,


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Enclosures: Petition for a Three-Month Extension of Time
Check No. 13895